

## REMARKS

Please cancel Claims 2, 8-9 and 18 without prejudice. Claims 1, 3-7, 10-17 and 19-24 are pending. Claims 1, 3-5, 10, 12, 15 and 19 are amended herein.

Claims 20-24 are allowed. Claims 18-19 are indicated as being allowable if rewritten in independent form including the limitations of their base claim. Applicant thanks the Examiner for allowing Claims 18-24.

### Claim Objections

Claims 7 and 15 are objected to for informalities cited in the instant Office Action. The amendment of Claim 1 resolves the objection to Claim 7. Claim 15 is amended to address the cited informality.

### 102 Rejections

#### 102(a) Rejection of Claims 1 and 3-6

The instant Office Action states that Claims 1 and 3-6 are rejected under 35 U.S.C. § 102(a) as being anticipated by Kawase et al. ("Kawase;" U.K. Patent Application GB 2 379 414 A). The Applicant has reviewed the cited reference and respectfully submits that the embodiments of the present invention recited in Claims 1 and 3-6 are not anticipated nor rendered obvious by Kawase.

Applicant respectfully submits that Kawase does not show or suggest "an optical sensor ...; and a print medium feed mechanism comprising a roller, wherein a mark located on said roller ... provides a known location that can be used to establish a position of said optical sensor, wherein a first position of said optical sensor established according to said mark is usable for determining an error associated with a second position

determined using information from said print medium sensed as said optical sensor moves relative to said print medium” as recited in independent Claim 1 (emphasis added).

Therefore, Applicant respectfully submits that the basis for rejecting Claim 1 under 35 U.S.C. § 102(a) is traversed, and that Claim 1 is in condition for allowance. As such, Applicant respectfully submits that the basis for rejecting Claims 3-6 under U.S.C. § 102(a) is also traversed, as Claims 3-6 are dependent on an allowable base claim and recite additional limitations.

102(b) Rejection of Claims 1 and 10-17

The instant Office Action states that Claims 1 and 10-17 are rejected under 35 U.S.C. § 102(b) as being anticipated by Courtney (U.S. Patent No. 5,127,752).

With regard to Claims 1 and 10-11, Applicant respectfully submits that Courtney does not show or suggest “an optical sensor ...; and a print medium feed mechanism comprising a roller, wherein a mark located on said roller ... provides a known location that can be used to establish a position of said optical sensor, wherein a first position of said optical sensor established according to said mark is usable for determining an error associated with a second position determined using information from said print medium sensed as said optical sensor moves relative to said print medium” as recited in independent Claim 1 (emphasis added).

Therefore, Applicant respectfully submits that the basis for rejecting Claim 1 under 35 U.S.C. § 102(b) is traversed, and that Claim 1 is in condition for allowance. As such, Applicant respectfully submits that the

basis for rejecting Claims 10-11 under 35 U.S.C. § 102(b) is also traversed, as Claims 10-11 are dependent on an allowable base claim and recite additional limitations.

With regard to Claims 12-17, Claim 12 is amended to incorporate the limitations of Claim 18, which is indicated as being allowable if rewritten in independent form including the limitations of its base claim (Claim 12) and any intervening claims (there are none). Claim 12 is therefore in condition for allowance. Claims 13-17 are dependent on Claim 12 and recite additional limitations. Claims 13-17 are therefore also in condition for allowance as being dependent on an allowable base claim. Accordingly, a discussion of the rejection of Claims 12-17 under 35 U.S.C. § 102(b) is rendered moot at this time.

#### 103 Rejections

The instant Office Action states that Claim 7 is rejected under 35 U.S.C. § 103(a) as being unpatentable over Kawase in view of Marinoff (U.S. Patent No. 4,207,578). The Applicant has reviewed the cited references and respectfully submits that the embodiment of the present invention recited in Claim 7 is not anticipated nor rendered obvious by Kawase and Marinoff, alone or in combination.

As presented above, Applicant respectfully submits that Kawase does not show or suggest the embodiment of the present invention recited in Claim 1. Applicant respectfully submits that Marinoff does not overcome the shortcomings of Kawase. Specifically, Applicant respectfully submits that Marinoff, alone or in combination with Kawase, does not show or suggest “an optical sensor ...; and a print medium feed mechanism comprising a roller, wherein a mark located on said roller ... provides a

known location that can be used to establish a position of said optical sensor, wherein a first position of said optical sensor established according to said mark is usable for determining an error associated with a second position determined using information from said print medium sensed as said optical sensor moves relative to said print medium” as recited in Claim 1 (emphasis added).

Because Claim 7 is dependent on independent Claim 1 and recites additional limitations, Applicant respectfully submits that Kawase and Marinoff (alone or in combination) also do not show or suggest the embodiment of the present invention recited in Claim 7. Therefore, Applicant respectfully submits that the basis for rejecting Claim 7 under 35 U.S.C. § 103(a) is traversed, and that Claim 7 is in condition for allowance as being dependent on an allowable base claim.

#### Conclusions

In light of the above remarks, Applicant respectfully requests reconsideration of the rejected claims.

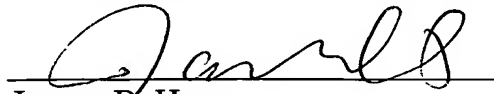
Based on the arguments presented above, Applicant respectfully asserts that Claims 1, 3-7 and 10-17 overcome the rejections of record and, therefore, Applicant respectfully solicits allowance of these claims.

Applicant has reviewed the references cited but not relied upon. Applicant did not find these references to show or suggest the present claimed invention: U.S. Patent Nos. 5,397,192 and 6,604,808.

The Examiner is invited to contact Applicant's undersigned representative if the Examiner believes such action would expedite resolution of the present Application.

Respectfully submitted,

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Date: 2/8/05

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